

CLUTCH PEDAL

To Remove

- Disconnect the battery.
- Ensure that the road wheels are in the "straight ahead" position and remove the steering lock key.
- Open and secure bonnet.
- Remove heater air intake duct.
- Remove two screws from combination switch cover and displace cover towards steering wheel.
- Remove four screws and detach lower cowl.
- Remove the two screws securing the upper cowl to the steering column support bracket and detach the cowl.
- Disconnect two multi-plugs from underside of switchgear housing.
- Disconnect multi-plug and lucar connector at steering column lock harness.
- Slacken the bolt securing the clamp plate to lower end of outer column.
- Remove the three bolts from the clamp plate to cab floor joint and displace the plate and seal.
- Match mark the shaft and universal joint, remove the universal joint pinch bolt and nut.
- Release the column assembly by removing the two bolts securing it to the top support bracket, disengaging the universal joint and removing the complete assembly from the cab.
- Remove engine rear cover from inside cab.
- Remove bolts securing engine front cover, remove cover.
- Remove clip throttle pedal/push rod and disconnect push rod.
- Remove brake push rod clevis pin clip, withdraw clevis pin.
- Disconnect lucars, stop lamp switch.
- Disconnect flasher unit plug.
- Remove buzzer unit securing screw, disconnect lucars and remove buzzer.
- Disconnect cold air duct, right hand facia outlet, remove duct from heater case.
- Remove nuts and bolts pedal bracket/instrument panel brackets.
- Remove right hand insulation panel retainers.
- Remove bulkhead right hand insulation panel.
- Raise floor mat.
- Remove nut and bolt, pedal bracket to floor.
- Raise wheel arch mat.
- Remove nut and bolt, pedal bracket to bulkhead.
- Remove brake servo retaining nuts and displace servo assembly.
- Remove bolts bulkhead to bracket — engine side and cab side.
- Remove fuseholder and harness earth tag screws, displace fuseholder.
- Displace wiring harness clear of bracket.

Raise facia and remove bracket assembly.

Remove nut and bolt securing pivot sleeve, collect three washers.

Remove pivot sleeve.

Displace clutch pedal and release return spring.

Remove pedal assembly and withdraw pivot sleeve bushes. Disconnect push rod.

Inspection and Overhaul

Check the fit of the pivot sleeve in the pivot bushes, if excessive, fit new bushes also pivot sleeve if required.

Check pedal return spring for distortion or deformed coil ends. Renew as necessary.

Check clutch pedal push rod clevis pin for wear. Renew as necessary.

Renew pedal rubber if severely worn.

To Refit

Refitting is a reversal of the removal procedure noting the following:

Recess between pivot bushes to be packed with Retinax A grease.

After fitting check the forward and back stop adjustments.

Check for correct drag free clutch operation.

Clutch Pedal Adjustment

Correct adjustment of the clutch pedal back stop is essential to ensure that the master cylinder recuperates completely and that the clutch release bearing exerts no pressure on the release levers.

Forward stop adjustment regulates the travel of the master and slave cylinder push rods. Before making any adjustment ensure that the back stop clearance is correct.

Back Stop Adjustment

Slacken pedal back stop bolt locknut.

Adjust the pedal back stop bolt until there is a perceptible clearance between the master cylinder push rod and the piston, i.e. 0,76 mm (0.030 in) free play between stop and pedal stem.

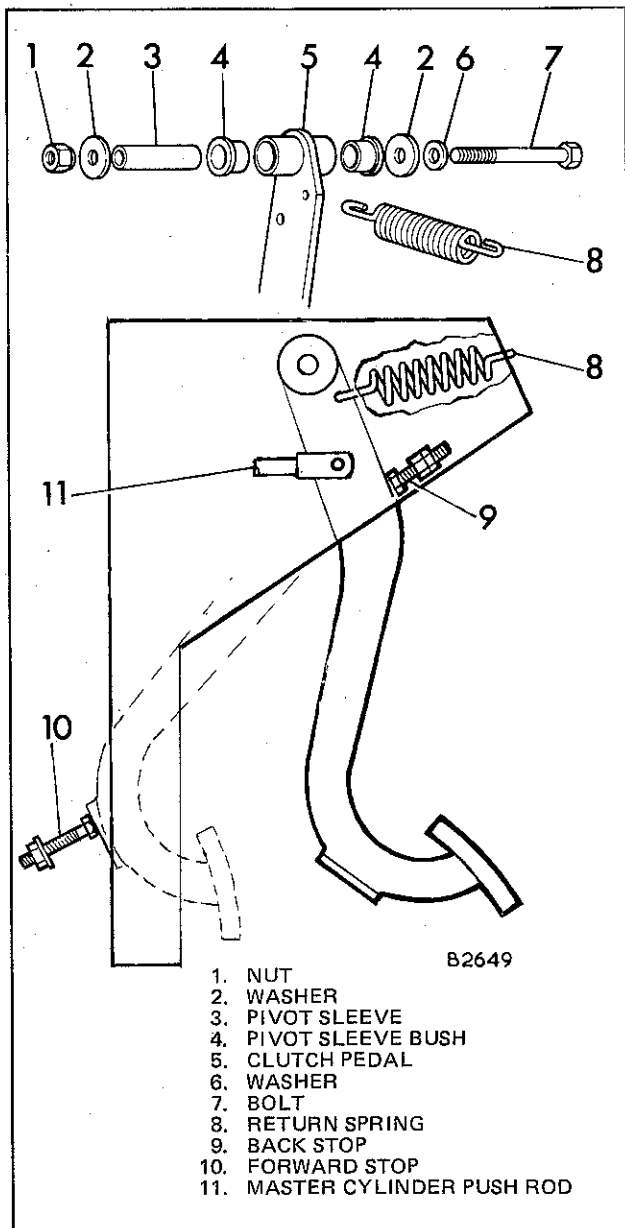


Fig. 1 Clutch pedal details

Clutch Pedal

Tighten stop bolt locknut and recheck clearance.

The stop is correctly adjusted when the movement of the slave cylinder push rod is 15/17 mm (0.6/0.66 in) with the pedal fully depressed.

Forward Stop Adjustment

Slacken pedal forward stop bolt lock.

Tighten stop bolt locknut and recheck clearance.